

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 January 2001 (25.01.2001)

PCT

(10) International Publication Number
WO 01/06221 A1

(51) International Patent Classification⁷: G01L 9/00, 9/14

Heights, MN 55076 (US). HACKER, John, R. [US/US];
5614 Saint Andrews Avenue, Edina, MN 55424 (US).

(21) International Application Number: PCT/US00/19466

(74) Agent: BRUESS, Steven, C.; Merchant & Gould P.C.,
P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(22) International Filing Date: 14 July 2000 (14.07.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/357,533 19 July 1999 (19.07.1999) US

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 09/357,533 (CIP)
Filed on 19 July 1999 (19.07.1999)

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): DON-ALDSON COMPANY, INC. [US/US]; 1400 West 94th Street, P.O. Box 1299, Minneapolis, MN 55440-1299 (US).

Published:
— With international search report.

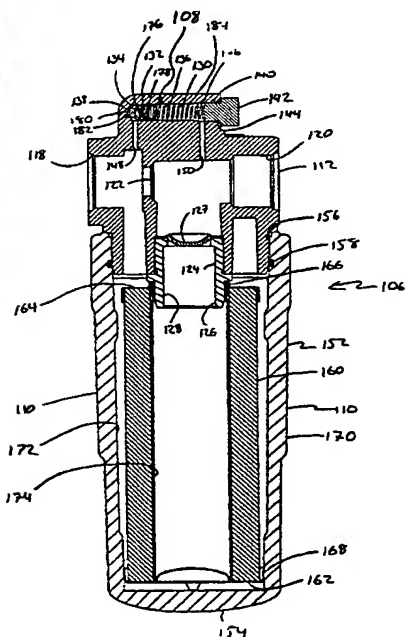
(72) Inventors; and

(75) Inventors/Applicants (*for US only*): GUSTAFSON, Michael, Jon [US/US]; 7955 Cahill Avenue, Inver Grove

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DIFFERENTIAL PRESSURE GAUGE FOR FILTER

(57) Abstract: An apparatus for measuring the differential pressure of fluid in filter. The apparatus comprises a housing defining a pressure chamber. A differential pressure gauge divides the pressure chamber into first and second fluid chambers. The differential pressure gauge is arranged to measure a differential pressure between fluid in the first chamber and fluid in the second chamber. The differential pressure gauge has a variable output.



WO 01/06221 A1